

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 April 2002 (18.04.2002)

PCT

(10) International Publication Number
WO 02/030172 A3

(51) International Patent Classification⁷: A61B 17/04 (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US PCT/IL01/00600 and (CIP)
(21) International Application Number: PCT/IL01/00903 Filed on 28 June 2001 (28.06.2001)

(22) International Filing Date: 25 September 2001 (25.09.2001) (71) Applicant (for all designated States except US):
BY-PASS, INC. [US/US]; 40 RAMLAND ROAD,
ORANGEBURG, NY 10962 (US).

(25) Filing Language: English (72) Inventors; and
(26) Publication Language: English (75) Inventors/Applicants (for US only): LOSHAKOVE,
Amir [IL/IL]; P.O. BOX 378, 60944 MOSHAV BAZRA
(IL); KILEMNIK, Ido [IL/IL]; 35 NORDAU STREET,
46585 HERZELIA (IL). FELD, Tanchum [IL/IL];
MOSHAV MERHAVIA, 19105 D.N. IZRAEL (IL). KON-
STANTINO, Eitan [IL/IL]; 1 ODEM STREET, 30900
ZICHRON YAACOV (IL).

(30) Priority Data:
PCT/IL00/00609 28 September 2000 (28.09.2000) IL (74) Agents: FENSTER, Paul et al.; Fenster & Company,
PCT/IL00/00611 28 September 2000 (28.09.2000) IL Intellectual Property 2002 Ltd., P.O. Box 10256, 49002
PCT/IL01/00074 25 January 2001 (25.01.2001) IL Petach Tikva (IL).
PCT/IL01/00266 20 March 2001 (20.03.2001) IL
144051 28 June 2001 (28.06.2001) IL
PCT/IL01/00600 28 June 2001 (28.06.2001) IL

[Continued on next page]

(54) Title: ANASTOMOTIC CONNECTION SYSTEM

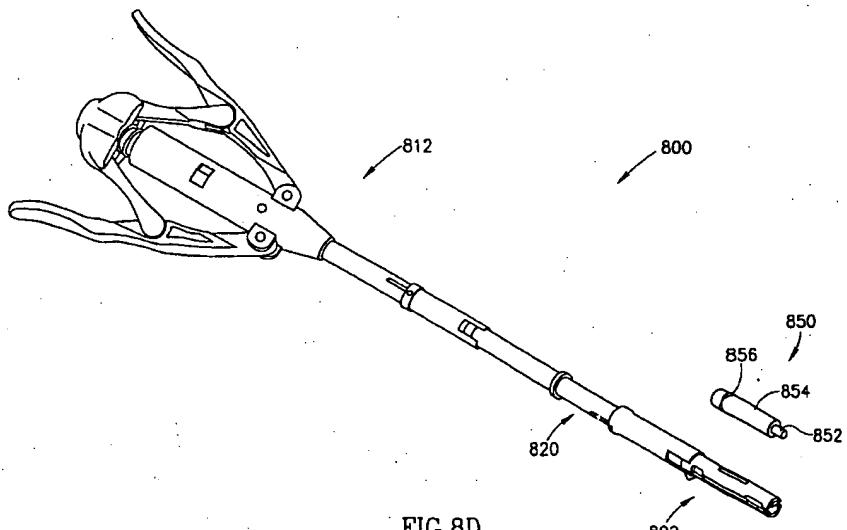


FIG.8D

WO 02/030172 A3

(57) Abstract: A delivery system (800) for an anastomosis connector (400), comprising: a body including a handle (862) for applying force; a capsule (850) adapted to interlock with said body and for carrying a connector, wherein said force is transferred by said interlocking to deploy said connector; and an extension adapted to be connected between said body and said capsule, thereby extending a reach of said delivery system.

BEST AVAILABLE



(81) **Designated States (national):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) **Designated States (regional):** ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,

IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report*

(88) **Date of publication of the international search report:**
21 August 2003

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

BEST AVAILABLE COPY